

Substitute Form PTO-1449  
(Modified)

U.S. Department of Commerce  
Patent and Trademark Office

Attorney's Docket No.  
10278-022001

Application No.  
09/686,497

**Information Disclosure Statement  
by Applicant**

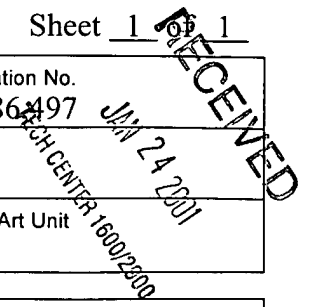
(Use several sheets if necessary)

(37 CFR 1.98(b))

Applicant  
Richard F Selden et al.

Filing Date  
October 11, 2000

Group Art Unit  
1653



**U.S. Patent Documents**

Examiner Initial	Desig. ID	Patent Number	Issue Date	Patentee	Class	Subclass	Filing Date If Appropriate
me	AA	4,965,199	10/23/90	Capon et al.	435	69.6	08/07/87
me	AB	5,786,464	07/28/98	Seed	536	23.5	09/19/94
me	AC	5,795,737	08/18/98	Seed et al.	435	69.1	09/22/95
me	AD	6,114,148	09/05/00	Seed et al.	435	91.1	09/20/96

**Foreign Patent Documents or Published Foreign Patent Applications**

Examiner Initial	Desig. ID	Document Number	Publication Date	Country or Patent Office	Class	Subclass	Translation	
							Yes	No
	<del>AE</del>	<del>WO 96/09378</del>	<del>28.03.96</del>	<del>PCT</del> duplicate				
me	AF	WO 97/11086	27.03.97	PCT				
	<del>AG</del>	<del>WO 97/26333</del>	<del>24.07.97</del>	<del>PCT</del>				
	<del>AH</del>	<del>WO 97/31115</del>	<del>28.08.97</del>	<del>PCT</del>				
	<del>AI</del>	<del>WO 97/47358</del>	<del>18.12.97</del>	<del>PCT</del>				
	<del>AJ</del>	<del>WO 97/48370</del>	<del>24.12.97</del>	<del>PCT</del>				
	<del>AK</del>	<del>WO 98/12207</del>	<del>26.03.98</del>	<del>PCT</del> duplicate				

**Other Documents (include Author, Title, Date, and Place of Publication)**

Examiner Initial	Desig. ID	Document
	<del>AE</del>	<del>Andre et al., "Increased Immune Response Elicited by DNA Vaccination with a Synthetic gp120 Sequence with Optimized Codon Usage", Journal of Virology, Vol. 72, No. 2, pp 1497-1503 (1998)</del>
	<del>AM</del>	<del>Berg et al., "Growth Rate-optimised tRNA Abundance and Codon Usage", J. Mol. Biol., pp 544-550 (1997)</del>
	<del>AN</del>	<del>Billinton et al., "Development of a green fluorescent protein reporter for a yeast genotoxicity biosensor", Biosensors &amp; Bioelectronics, 13, pp 831-838 (1998)</del>
	<del>AO</del>	<del>Hannig et al., "Strategies for optimizing heterologous protein expression in Escherichia coli", TIBTECH, Vol. 16, pp 54-60 (1998)</del>
	<del>AP</del>	<del>Hubatsch et al., "Human glutathione transferase A4-4: an Alpha-class enzyme with high catalytic efficiency in the conjugation of 4-hydroxynonenal and other genotoxic products of lipid peroxidation", Biochem. J., 330, pp 175-179 (1998)</del>
me	AQ	Kim et al., "Codon optimization for high-level expression of human erythropoietin (EPO) in mammalian cells", GENE, 199, pp 293-301 (1997)
	<del>AR</del>	<del>Mehta et al., "Optimized Gene Synthesis, High Level Expression, Isotopic Enrichment, and Refolding of Human Interleukin-5", Protein Expression And Purification, 11, pp 86-94 (1997)</del>
	<del>AS</del>	<del>Selomovici et al., "Does Escherichia coli Optimize the Economics of the Translation Process?", J. theor. Biol., 185, pp 511-521 (1997)</del>

Examiner Signature

*N. Selden*

Date Considered

11/5/02

MINER: Initials citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with communication to applicant.



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Sheet 1 of 1

Substitute Form PTO-1449 (Mandatory)	U.S. Department of Commerce Patent and Trademark Office	Attorney's Docket No. 10278-022001	Application No. 09/686,497
<b>Information Disclosure Statement by Applicant</b> (Use several sheets if necessary)  (37 CFR §1.98(b))		Applicant Richard F Selden et al.	
		Filing Date October 11, 2000	Group Art Unit 1653

U.S. Patent Documents							
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	AA						
	AB						
	AC						
	AD						
	AE						
	AF						

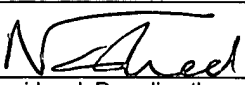
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Foreign Patent Documents or Published Foreign Patent Applications								
Examiner Initial	Desig. ID	Document Number	Publication Date	Country or Patent Office	Class	Subclass	Translation	
							Yes	No
ne	AG	96/09378 A1	03/28/1996	WIPO				
ne	AH	98/12207 A1	03/26/1998	WIPO				
	AI							
	AJ							
	AK							

Other Documents (include Author, Title, Date, and Place of Publication)		
Examiner Initial	Desig. ID	Document
ne	AL	Peter Lind et al., "Novel forms of B-domain-deleted recombinant factor VIII molecules Construction and biochemical characterization", <u>European Journal of Biochemistry</u> , Vol. 232, No. 1, pages 19-27 (August 15, 1995)
ne	AM	Carmel M. Lynch et al, "Sequences in the Coding Region of Clotting Factor VIII Act as Dominant Inhibitors of RNA Accumulation and Protein Production", <u>Human Gene Therapy</u> , Vol. 4, No. 3, pages 259-272 (June 1, 1993)
ne	AN	Louise C. Wasley et al., "PACE/Furin Can Process the Vitamin K-dependent Pro-factor IX Precursor within the Secretory Pathway", <u>Journal of Biological Chemistry</u> , Vol. 268, No. 12, pages 8458-8465 (April 25, 1993)
	AO	

Examiner Signature 	Date Considered 10/28/02
EXAMINER: Initials citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

Substitute Disclosure Form (PTO-1449)